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FAX REFERENCE NUMBER: AT-027A3

DATE: May 16, 2005

**TO: COMMISSIONER OF PATENTS** Technology Center: 2800  
**ATTN.: Examiner Aditya S. Bhat** Art Unit: 2863

**FAX NUMBER SENDING TO: (703) 872-9306 (Central Fax No.)**

**FROM: J. Michael Johnson**  
Reg. No. 37,856  
Agent for Applicant

**FAX NUMBER:**  
**(775) 849-3143**

If illegible when received,  
please call: (775) 849-3085

**NUMBER OF PAGES: 16**  
(Including this page)

**SUBJECT: AMENDMENT/RESPONSE TO OFFICE ACTION**  
**MAILED 02/24/2005 For SN: 10/027,751**

**MESSAGE**

To Whom It May Concern:

**Received by US Patent and Trademark Office:**

Official Response/Amendment (13 pages) with Certificate of Facsimile  
Transmission (on page 13); and  
Transmittal Letter (1 page, 2 copies) with Cert. of Fax Transmission.

**For Patent Application of:**

Joel P. Dunsmore et al.

**Serial Number:** 10/027,751**Filed:** Dec. 21, 2001**Entitled:** "Test System Dynamic Range Extension Through Compression  
Compensation"

**From:** J. Michael Johnson, Reg. No. 37,856  
(for John L. Imperato, Reg. No. 40,026, Agilent Technologies, Inc.)

**Attorney Docket No.:** 10004016-1**Dated:** May 16, 2005**CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence and the documents listed above are being facsimile  
transmitted to the United States Patent and Trademark Office.

  
J. Michael Johnson

5/16/05  
Date

153 Antigua Court, Reno, NV 89511 Phone: (775) 849-3085 / Fax: (775) 849-3143

AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10004016-1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Joel P. Dunsmore et al.

Serial No.: 10/027,751

Examiner: Aditya S. Bhat

Filing Date: December 21, 2001

Group Art Unit: 2863

Title: Test System Dynamic Range Extension Through Compression Compensation

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☒ No additional fee (Address envelope to "Mail Stop Amendments")  
☐ Other: (Fee \$ \_\_\_\_\_)


CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	32	MINUS	32	= 0	X 50	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>		\$ 0
OTHER FEES						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Joel P. Dunsmore et al.

By

  
J. Michael Johnson  
Attorney/Agent for Applicant(s)

I hereby certify that this paper is being facsimile  
transmitted to the Patent and Trademark Office on  
the date shown below:

Date of facsimile: May 18, 2005

Typed Name: J. Michael Johnson

Signature: 

Reg. No. 37,856

Date: May 16, 2005

Telephone No. (775) 849-3085

AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10004016-1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Joel P. Dunsmore et al.

Serial No.: 10/027,751

Examiner: Aditya S. Bhat

Filing Date: December 21, 2001

Group Art Unit: 2863

Title: Test System Dynamic Range Extension Through Compression Compensation

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

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- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☒ No additional fee (Address envelope to "Mail Stop Amendments")  
☐ Other: (Fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	32	MINUS	32	= 0	X 5.0	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X 20.0	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>		\$ 0
OTHER FEES						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Joel P. Dunsmore et al.

By

  
J. Michael Johnson  
Attorney/Agent for Applicant(s)

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transmitted to the Patent and Trademark Office on  
the date shown below:

Date of facsimile: May 16, 2005

Typed Name: J. Michael Johnson

Signature: 

Reg. No. 37,856

Date: May 16, 2005

Telephone No. (775) 849-3085

AGILENT TECHNOLOGIES, INC.  
Legal Department, M/S DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, CO 80537-0599

PATENT APPLICATION  
ATTORNEY DOCKET NO. 10004016-1

RESPONSE/AMENDMENT dated May 16, 2005

OFFICIAL

Appl. No. : 10/027,751  
Applicant : Joel P. Dunsmore et al.  
Filed : Dec. 21, 2001  
TC/AU : 2800/2863  
Examiner : Aditya S. Bhat

Confirmation No. 3808

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MAY 16 2005

Docket No. : 10004016-1  
Customer No. : 022878

Title : Test System Dynamic Range  
Extension Through Compression  
Compensation

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE/AMENDMENT

Sir:

In response to the Office Action of Feb. 24, 2005, please amend the above-identified application as follows.

**Amendments to the Claims** are reflected in a listing of claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.

A Certificate of Mailing or Transmission is provided on the last page of this document and applies to this document and any attachments thereto.